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Substitute for form 1449-PTO				<b>Complete if known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANTS</b>  (use as many sheets as necessary)				Application Number	10/692,522
				Filing Date	October 24, 2003
				First Named Inventor	Raymond T. Westfall
				Art Unit	2873
				Examiner Name	Jessica T. Stultz
Sheet	1	of	4	Attorney Docket Number	EES-2

U.S. PATENT DOCUMENTS						Class / Sub
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
JS		3,317,266	05-02-1967	Heller et al.	359 / 275	
JS		3,552,824	01-05-1971	Kiss	359 / 241	
JS		4,514,053	04-30-1985	Borrelli et al.	359 / 569	
JS		4,709,978	12-01-1987	Jackel	385 / 3	
JS		4,831,631	05-16-1989	Haeussler et al.	372 / 92	
JS		4,867,522	09-19-1989	Cassidy	385 / 1	
JS		4,904,634	02-27-1990	Wieserman et al.	502 / 401	
JS		4,905,169	02-27-1990	Bulcan et al.	356 / 365	
JS		4,950,074	08-21-1990	Fabircius et al.	356 / 133	
JS		5,007,718	04-16-1991	Minoura et al.	359 / 265	
JS		5,068,208	11-26-1991	Haun et al.	501 / 12	
JS		5,128,223	07-07-1992	Gillberg-LaForce et al.	430 / 2	
JS		5,132,811	07-21-1992	Iwaki et al.	359 / 6	
JS		5,153,771	10-06-1992	Link et al.	359 / 200	
JS		5,185,842	02-09-1993	Hakogi et al.	385 / 129	
JS		5,220,627	06-15-1993	Kawano et al.	385 / 3	
JS		5,221,957	07-22-1993	Jannson et al.	356 / 301	
JS		5,223,910	06-29-1993	Simeoni et al.	356 / 456	
JS		5,250,811	10-05-1993	Lippert et al.	250 / 339.01	
JS		5,267,336	11-30-1993	Sriram et al.	385 / 2	
JS		5,291,314	03-01-1994	Agranat et al.	359 / 11	
JS		5,345,328	09-06-1994	Fritz et al.	359 / 248	
JS		5,356,663	10-18-1994	Perusich et al.	427 / 140	
JS		5,377,026	12-27-1994	Liu et al.	349 / 37	
JS		5,396,328	03-07-1995	Jestel et al.	356 / 402	
JS		5,408,353	04-18-1995	Nichols et al.	359 / 275	
JS		5,418,871	05-23-1995	Revelli et al.	385 / 44	
JS		5,423,967	06-13-1995	Kunimatsu et al.	600 / 109	
JS		5,440,143	08-08-1995	Carangelo et al.	250 / 573	
JS		5,483,344	01-09-1996	Frot et al.	356 / 404	
JS		5,506,919	04-09-1996	Roberts	385 / 1	
JS		5,510,914	02-18-1991	Liu et al.	349 / 136	
JS		5,532,488	07-02-1996	Ishibashi et al.	250 / 2341.3	

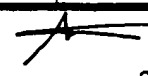
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<sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicants are to place a check mark here if English language translation is attached.

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Class/Job

5,539,518	07-23-1996	Bennett	356/452
5,546,494	08-13-1996	Eda	305/129
5,604,581	02-18-1997	Liu et al.	356/73
5,631,765	05-20-1997	Baur et al.	359/269
5,640,267	06-17-1997	May et al.	359/322
5,655,530	08-12-1997	Messerschmidt	600/366
5,739,948	04-14-1998	Kushibiki et al.	359/321
5,781,670	07-14-1998	Deacon et al.	305/10
5,815,628	09-29-1998	Ueno et al.	305/131
5,830,622	11-03-1998	Canning et al.	430/321
5,852,688	12-22-1998	Brinkman et al.	305/16
5,887,089	03-23-1999	Deacon et al.	305/22
5,911,018	06-08-1999	Bischof et al.	305/16
5,917,980	06-29-1999	Yoshimura et al.	305/129
5,943,122	08-24-1999	Holmes	356/73
5,953,466	09-14-1999	Kubota et al.	305/2
5,970,190	10-19-1999	Fu et al.	305/37
5,976,717	11-02-1999	Holdik et al.	420/699
5,986,798	11-16-1999	Karlsson et al.	359/326
6,011,881	01-04-2000	Moslehi et al.	305/10
6,016,199	01-18-2000	Newton	356/519
6,067,391	05-23-2000	Land	305/27
6,084,050	07-04-2000	Ooba et al.	520/42
6,091,184	07-18-2000	De Vries	313/10
6,111,682	08-29-2000	Minakata et al.	359/245
6,137,576	10-24-2000	Pauluth et al.	356/517
6,167,169	12-26-2000	Brinkman et al.	305/4
6,195,196	02-27-2001	Kimura et al.	359/295
6,215,585	04-10-2001	Yoshimura et al.	359/344
6,221,565	04-24-2001	Jain et al.	430/321
6,225,630	05-01-2001	Slater et al.	250/343
6,297,880	10-02-2001	Rosencwaig et al.	356/369
6,301,399	10-09-2001	Mahapatra et al.	305/2
6,321,009	11-20-2001	Koerkamp et al.	305/45
6,337,931	01-08-2002	Seino	305/11
6,359,733	03-19-2002	Iwatsuka et al.	359/500
6,393,172	05-21-2002	Brinkman et al.	305/16

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<i>JS</i>	<i>1</i>	6,417,921	07-09-2002	Rosencwaig et al.	<i>Class / Sub</i> <i>356 / 369</i>

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>1</sup> - Number <sup>2</sup> - Kind Code <sup>3</sup>				

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
JS	1	Artuso, F. et al., "Fe-containing CeVO <sub>4</sub> films as Li intercalation transparent counter-electrodes," <u>Electrochimica Acta</u> , vol. 46, nos. 13 and 14, pp. 2077-2084 (2001)		
JS		Atherton, P.D. et al., "Tunable Fabry-Perot filters," <u>Optical Engineering</u> , vol. 20, pp. 806-814 (1981)		
JS		Dialog abstract of Bittebierre, J. and Lazarides, B., "Narrow-bandpass filters with broad rejection band for single-mode waveguides," <u>Applied Optics</u> , vol. 40, no. 1, pp. 11-19 (2001)		
JS		Dialog abstract of Blanca, C.M. et al., "Electrically tunable optical filter for visible wavelength using a liquid crystal multiplexed to a Fabry-Perot etalon," <u>Molecular Crystals and Liquid Crystals</u> , vol. 368, pp. 4023-30 (2001)		
JS		Dialog abstract of Bobitski, Y.V. and Fitio, V.M., "Analysis of multilayered holograms properties by coupled waves method," <u>Proceedings of the SPIE - The International Society for Optical Engineering</u> , vol. 4425, pp. 444-51 (2001)		
JS		Dialog abstract of Braunstein, R., "Electrochromic glasses," <u>California Univ.</u> , ARO-14249-14P (1980)		
JS		Dialog abstract of Dutta, G.S. and Agarwal, G.S., "Line narrowing in cavity quantum electrodynamics by intracavity index modulation," <u>Optics Communications</u> , vol. 103, nos. 1 and 2, pp. 122-29 (1993)		
JS		Dialog abstract of Gesualdi, M.R.R. et al., "Holographic interferometry techniques using photorefractive crystals of sillenite family Bi/sub 12/SiO/sub 20/ (BSO) and their applications in analysis of surfaces," <u>Proceedings of the SPIE - The International Society for Optical Engineering</u> , vol. 4419, pp. 256-60 (2001)		
JS		Dialog abstract of Grandqvist, C.G. and Lampert, C.M., "Optical materials technology for energy efficiency and solar energy conversion," <u>Society of Photo-Optical Instrumentation Engineers (SPIE Proceedings)</u> , vol. 1272, p. 327 (1990)		
JS		Abstract of Green, M. et al., "Lithium vanadium bronze thin films for electrochromic applications," <u>Journal of Applied Physics</u> , vol. 81, no. 8, pp. 3592-3600 (1997)		
JS		Dialog abstract of Ho, J. and Cada, M., "Optical bistability in semiconductor periodic structures," <u>IEEE Journal of Quantum Electronics</u> , vol. 27, no. 5, pp. 1182-88 (1991)		
JS		Hussain, Z., "Dopant-dependent reflectivity and refractive index of microcrystalline molybdenum-bronze thin films," <u>Journal of Applied Physics</u> , vol. 91, no. 9, pp. 5745-59 (2002)		
JS		Hutchins, M.G. et al., "Electrochromic tungsten oxide films for Variable reflectance devices," <u>Proceedings of the SPIE - The International Society for Optical Engineering</u> , vol. 4458, pp. 138-145 (2001)		

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Hutchins, M.G. et al., "Infrared reflectance modulation in tungsten oxide based electrochromic devices," <u>Electrochimica Acta</u> , vol. 46, pp. 1983-88 (2001)	
Isidorsson, J. et al., "Ellipsometry on sputter-deposited tin-oxide films: optical constants versus stoichiometry, hydrogen content and amount of electrochemically intercalated lithium," <u>Applied Optics</u> , vol. 37, pp. 7334-41 (1998)	
Leveque et al., "Determination of optical constants of thin film from reflectance spectra," <u>Applied Optics</u> , vol. 29, no. 22, pp. 3207-3212 (1990)	
Dialog abstract of Lewis, K.L., "Tunable, bistable and active filters," <u>Proceedings of the SPIE - The International Society for Optical Engineering</u> , vol. 2253, pp. 922-934 (1994)	
Luo X. et al., "Transparent ion-conducting ceria-zirconia films made by sol-gel technology," <u>Solar Energy Materials and Solar Cells</u> , vol. 53, pp. 341-347 (1998)	
Marinelli, W.J. et al., "A tunable Fabry-Perot etalon-based long-wavelength infrared imaging spectroradiometer," <u>Applied Optics</u> , vol. 38, no. 16, pp. 2594-2604 (2000)	
Dialog abstract of Menez, L. et al., "Diffraction efficiency of an index grating in a Fabry-Perot resonator," Summaries of papers presented at the 1999 Conference on Lasers and Electro-Optics, postconference edition, pp. 280 (1999)	
Dialog abstract of Patel, J.S. et al., "Electrically tunable optical filter for infrared wavelength using liquid crystals in a Fabry-Perot etalon," <u>Applied Physics Letters</u> , vol. 57, no. 17, pp. 1718-20 (1990)	
Rubin, M. et al., "Optical indices of lithiated electrochromic oxides," SPIE International Symposium on Optical Materials Technology for Energy Efficiency and Solar Energy Conversion XV, Freiburg, Germany (1996)	
Abstract of Salinga et al., "Gasochromic tungsten oxide films (WO <sub>3</sub> ): A correlation between film properties and coloration kinetics" (2002)	
Schanze, K.S. et al., "Photolithographically-patterned electroactive films and electrochemically modulated diffraction gratings," <u>Langmuir</u> , vol. 16, pp. 795-810 (1999)	
Abstract of Schneider, J.M. et al., "Hydrogen uptake in alumina thin films synthesized from an aluminum plasma stream in an oxygen ambient," <u>Applied Physics Letters</u> , vol. 74, no. 2, pp. 200-202 (1999)	
Abstract of Simmons-Potter, K. and Potter, Jr., B.G., "Optically imprinted refractive index modulation in photosensitive glass thin films" (1996)	
Dialog abstract of Swanson, D.A. and Laux, L., "Tunable solid state infrared filters for multispectral imaging," <u>Proceedings of the SPIE - The International Society for Optical Engineering</u> , vol. 1690, pp. 92-103 (1992)	
Dialog abstract of Townsend, P.D. et al., "Measurement of the refractive-index modulation generated by electrostriction-induced acoustic waves in optical fibers," <u>Optics Letters</u> , vol. 21, no. 5, pp. 333-35 (1996)	
Van der Stuijs, P. and Mercier V.M.M., "Solid state Gd <sup>3+</sup> /Mg electrochromic devices with ZrO <sub>2</sub> Hx electrolyte," <u>Electrochimica Acta</u> , vol. 46, nos. 13 and 14, pp. 2167-2171 (2001)	
Von Rottkay, K. et al., "Influence of stoichiometry on electrochromic cerium-titanium oxide compounds," <u>Solid State Ionics</u> , vols. 113-115, pp. 425-430 (1998)	
Abstract of Von Rottkay, K. et al., "Refractive index changes of Pd-coated magnesium lanthanide switchable mirrors upon hydrogen insertion," <u>Journal of Applied Physics</u> , vol. 85, no. 1, pp. 408-13 (1999)	

Examiner Signature	<i>Jan A</i>	Date Considered	9/15/05
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